

SPRINGLESS BLDC AUTOMATIC VEHICLE BARRIER

LITE30 AG-LITE30

Compact access. Springless engineering. Agmatic reliability.



UP TO 4.0 M BOOM

24V

24 V DC SYSTEM

Low-voltage working system with a 150 W power supply.

120

120 W BLDC

Springless brushless DC motor with 85 N.m output torque.

3-8

3-8 SECOND SPEED

Configurable operating time to suit the boom length.

PRODUCT OVERVIEW

The AGMATIC LITE30 is a compact automatic vehicle barrier with a slim 160 mm cabinet and straight boom support up to 4.0 metres. Its 24 V, 120 W brushless DC drive combines a springless 1:150 transmission, 85 N.m output torque and self-locking mechanical architecture for controlled access applications.

A

COMPACT SELF-LOCKING DESIGN

Springless 1:150 drive with self-locking resistance against manual lifting.

B

SMART VISUAL INTEGRATION

RS485 support plus red and green boom lights for safer night-time vehicle guidance.

TECHNICAL DATA

MODEL: AG-LITE30 | SPRINGLESS BLDC BARRIER

ELECTRICAL PARAMETER	SPECIFICATION	MECHANICAL PARAMETER	SPECIFICATION
Working voltage	24 V DC	Maximum boom length	Up to 4.0 m
Power supply rating	150 W	Boom configuration	Straight arm
Motor technology	DC brushless (BLDC)	Cabinet dimensions	950 x 160 x 146 mm
Motor power	120 W	Cabinet height	950 mm
Motor speed	1800 rpm	Maximum cabinet width	160 mm
Reduction ratio	1:150	Boom section / cutout	40 x 120 mm
Output torque	85 N.m	Package dimensions	1030 x 240 x 230 mm
Standby power	Less than 6 W	Total weight	Approx. 20 kg
Operating time	3-8 seconds	Drive design	Springless, self-locking
Remote frequency	430 MHz	Cabinet colour	Gray
Operating temperature	-20 deg C to +85 deg C	Communication interface	RS485 supported
Recommended daily duty	Approx. 100-200 operations/day	Boom warning lights	Red / green

ENGINEERING FEATURES

01 COMPACT INSTALLATION

160 mm springless cabinet with a high 1:150 reduction ratio.

02 CONNECTED SAFETY

RS485 connectivity and red / green boom lights for night guidance.

INTEGRATION OPTIONS

Subject to the approved controller and project configuration

REMOTE CONTROL

PUSH BUTTON

LOOP DETECTOR

SAFETY PHOTOCELL

RADAR

ACCESS CONTROL

ANPR

UHF READER

APPLICATION AND CONFIGURATION NOTE

Recommended for villas, offices, staff parking and other light to moderate access points. Operating time varies with boom length and controller settings. Confirm accessory compatibility for each project.